MARSHALL MAN WRITES OF WORK HE IS DOING IN MADISON COUNTY

Madison County

shall for several months, was ask-in many colleges in the United States, ed by the publisher of The News-said Mr. T. C. Chamberlain. In an Record to give us an article about address before the conference of the Record to give us an article about Governois of the U. S. held at the what he and his assistants are doing White House in 1908 he said, "We in the county. In response to that request, he has submitted two articles. The first appears below and merely know that it is very slow. It the second will follow.

The Soil Survey, and Why This Work Is Being Done

In the past three years the United States Government has spent and is still spending millions of dollars to control erosion on the farm land in the United States. This work is being approached by several different agencies. Just why do we have to spend all this money, and why is it necessary to control erosion?

cover, by removal of forest growth, grass, shrubs and by breaking the ground surface by cultivation, the tramping of livestock, etc., accentuate erosion to a degree far beyond that taking place under the average nat-usal conditions, especially on those soils that are susceptible to rain This speeding up of erosion varies greatly from place to place according to the character of the soil, climatic conditions, vegitative cover, degree of the slope, disturbance of the soil, and depletion of organic matter in the soil. Under normal conditions rock decay keeps pace with soil removal in most places. However, under the artificial conditions just referred to, erosion exceeds the rate of soil formation over vast areas of cultivated lands and grazing lands, often removing the soil down to the bed rock.

The estimate of the quantity of plant food elements annually lost by erosion in the United States is not less than 126 billions pounds. This is more than twenty one times the annual loss due to crops removed. The plants nutrients loss by erosion, considering only mitrogen, phosphordollars. Of this amount there is evidence to indicate that at least 200 million dollars can be charged up as a tangible yearly loss to the farm-ers of the nation. We must remember too that rain wash removes not only the plant food elements but the soil itself.

and soil improving crops turned un-der: but the soil washed out of the field cannot be restored, except by those exceedingly slow natural pro-

HONOR ROLL

The News-Record

News-Record within the last week. United States in the next few gen-By keeping your subscriptions paid up you will greatly help your local paper. Of course, those whose sub-farms eroding into our rivers and scriptions are paid in advance are already on our honor roll. Odus Burry, Marshall, N. C.

Homer Bryan, Marshall, N. C. *-r.

Allen Roberts Marshall, N. C. r-1.

B. J. Ledford, Marshall, N. C. r-1 George Ferguson, Brevard, N. C. L. Z. Eller, Mars H'll, N. C. D. Suttles, Joe, N. C. J. D. Wallin, Marshall, N. C. r-2 Roy F. Ebbs, Asheville, N. C. Mis. Bertha Adkins Una, S. C. W. M. Lawson, Paint Rock, N. C. Charlie Moore, Hot Springs, N. C. Mrs. A. E. Davis, Marshall, N. C. Frank Reid, Marshall, N. C. A. W. Carter, Marshall, N. C. r-2 Byant Wallin, Marshall N. C. r-2. Henry C. Buckner, Marshall, N. C. r-1 John W. Rice, Marshall, N. C. *-r. Mrs. J. Nievadzik, Aberdeen, Wash. J. J. Moore, Spring Creek, N. C. Mrs. Fannie Sams, Marshall, N. C. r-2 F. O. Rice, Marshall, N. C. r-3. L. E. Baker, Big Pine, N. C. Mrs. Dora E. Carver, Marshall, N. C.

Mrs. Dora E. Carver, Marshall, N. C. Miss Stella Carver, Marshall, N. C. G. W. Landers, Marshall, N. C. r-3. Shuford Smith, Marshall, N. C. r-3. L. E. Ponder. Marshall, N. C. r-3. L. E. Ponder. Marshall, N. C. r-1. H. S. Davis, Spring Creek, N. C. Mrs. Hoyt W. Shore Salisbury, N. C. J. W. Faulkner, Marshall, N. C. *-r Robert Tweed, Marshall, N. C. r-2. J. P. Phillips, Mars Hill, N. C. r-1. John Rice, Marshall, N. C. r-1. John Rice, Marshall, N. C. *-r W. W. Hensley, White Rock, N. C. Fred Kent, Marshall, N. C. *-r. Mrs. W. A. Huff, Travelers Rest, S.C. Mrs. M. L. Bramlett, Greenville, S. C. Mrs. J. W. Huff, Mars Hill, N. C. Mrs. Kate Woodrow, Calumbia, S.C. Hannibal Clark, Mars Hill, N. C. r-1. Mrs. Clay Messer, Marshall, N. C. r-1. Mrs. Clay Messer, Marshall, N. C. r-3. Floyd Chandler, Kinston, N. C.

Floyd Chandler, Kinston, N. C.

Making Soil Survey of cesses of soil building that requires in many instances, centuries to de-

velop a very thin layer.

Let me tell you here what a noted Mr. E. F. Goldston, who with as-sistants, has been located at Mar-textbooks which are still being used have as yet no accurate measure of the rate of soil formation. We varies obviously with the kind of rock. Some of our soils are derived from material already reduced to a finely pulverized condition, such are the lowland accumulations from high land wash, such also is the glacial drift, rock flour rasped from the face of the ledge by the glacial file, and ground up with old soils. On such a basis of half preppared materials,

soils may develop with relative rapidi-

ty; but even on these, when the slope

is considerable, wind, wash, and cropping removes the surface much

too fast for stable fertility. out pretentions of a close estimate. I should be unwilling to name a mean In the United States as a result of sate of soil formation greater than In the United States as a result of one foot in 10,000 years on the basis artificial disturbance of the vegitative of observation since the glacial period I suspect that if we could positively determine the time taken in the formation of the four feet of soil next to the rock over our average domain where such depths exist it would be found above rather than below 40,000 years." This may be taken as a warning from a geologist. We can readily see that it takes a long time for soil to form even if we leave the time limit where this noted geologist puts it, and most soil men will put it far above that, especially in this section of granitic rock. Yet in the piedmont from New York into east central Alabama we have 15 to 20 millon acres of erosion exposed clays and clay loam in place of the original mellow, humus charged loams, sandy loams and clay loams when we took it over from Indians. This soil has been

ruined in about 150 years. It takes nature according to Mr. Chamberlain 833 years to form one inch of soil. Experiments conducted in North Carolina, by the Agricultural Experiment Station, on Cecil sandy loam shows that it takes only a short period of time to remove the seven inches of soil. On a nine per cent slope when the soil was bare and uncropped it takes 47 years to remove the surface soil. It takes 73 years if corn is planted continuously and 1750 years if the soil has a grass sod to remove seven inches or 250 years to remove one inch. It The crops do not take away the takes nature according to Mr. Cham-The crops do not take away the latter according to Mr. Chamber takes nature according to Mr. Chamber takes n What a difference in 10 years and 833 years, one to lose the soil, the other to form it.

under gultivation for a very short

period, but it will take Nature some

At this rate I think that it is high time that some one should do something about this "Great Menence Of Erosion". And when one notices the number of gullies, and the amount of eroded land in this county, and in all the other counties in North Carolina, where the ground is rolling e-Beginning with our issue of Oct-ober 17, we are publishing below the names of people who subscribe we do not want famine, and starvaor renew their subscriptions to The tion to face the people living in the harbors where our government has to spend large sums of money annual. L. Zack Eller, Asst. Cashier. ly to keep these open for boats and to keen the water flowing into the oceans, instead of backing un and causing huge damages to our lands, crops, homes, and towns by floods. Let us look for a moment at what

has actually happened to some of the farm land in the United States. Withn the past sixty to seventy-five years J. Baird McDevitt carelessness has permanently ruined 35,000,000 acres of what was once good farm land or good grazing land, this is equal to 219,000 farms of 160 acres each. 125,000,000 acres of the 350,000,000 acres now under cultivation is a liability rather than an asset, because due to erosion it is submarginal land. On top of this another 100,000,000 acres is going the same route unless erosion is controlled on it. These are huge losses. The value of this land can hardly be estimated in dollars and cents, but the 35,000,-000 acres that the American farmers have ruined, and the 225,000,000 which they are now ruining, will be realized by the next two or three gen-

Making Soil Survey of Mad-

practiced throughout the basketball

Henderson, with 14 points was high scorer for the nite while Ramsey was second with 9 points. Both are forwards on the Walnut team.

WALNUT NEWS

We sure are glad to have warmweather in our community.
Miss Agnes Brigman was seen out

shopping Thursday.
Mrs. Lillie Leake and Mrs. E. L. Plemmons were pleasant callers at Mr. and Mrs. J. W. Allens, Thurs-

We sure are proud to learn that Miss Inez Henderson will be home next week from John Hopkins hospital at Baltimore, Md. She sure is missed greatly in our community.

Mr. Roy Thomas near Walnut, who was taken to a hospital in Asheville, is improving very rapidly.
Miss Clara Goldsmith and Mr., Ce-

cil Blackwell, both of Barnard, N. C., were quietly married at Marshall, Jan. 4, 1936. Miss Clara Gold-smith is the daughter of Mrs. Rummie Goldsmith of Barnard, N. C.

Mr. Cecil Blackwell is the son of Mr. and Mrs. Daird Blackwell, of Barnard, N. C. They will make their home at Barnard, N. C. or awhile. Mr. Aubrey Reeves, of Walnut, left last week for Detroit, Mich. to work Mrs. Attie Payne of Barnard was

on sick list Thursday. We hope her speedy recovery.
Mrs. Harrison Lunsford near Walnut who has been seriously ill, is im-

Rev. James Hyde was seen in Ashe rille, N. C., Wednesday eve. Mr. and Mrs. Hampton Allen, of

Walnut spent the week-end at Hopewell with Mr. and Mrs. C. L. Plem-Mrs. Reba McDevitt and daughter, Mrs. Betsie McDevitt, spent the weekend with Mr. and Mrs. Tom Mc-

Devitt of Walnut. Mrs. Beckie Cantrell who has be sick for sometime, is improving fast.

Walnut Creek News

Mr. and Mrs. Coble Ball were visiting Mr. and Mrs. Robert Blazer, Sunday.

Mr. and Mrs. Frank W. Hunter spent Saturday night with her parents, Mr. and Mrs. E. D. Wallin. Miss Maude Sherman, of Candler, N. C. was visiting friends and relatives on Walnut Creek this week-end.

Miss Dufie Faulkner was visiting ner parents this week-end. Miss Stella Crough was visiting her grandparents, Mr. and Mrs. Joe

Crough, Sunday. Mr. Hezikah Ball and Miss Susie Buckner were visiting Mr. and Mrs. Robert Blazer, Sunday.

Miss Ella Ball was the dinner guest of Miss Katherine Reece, Sun-

Stockholders Meeting of The Citizens Bank

The annual stockholders meeting of the Citizens Bank of Marshall and Hot Springs was held at the bank Tuesday, January 14. A large number of the stockholders were present, and they were reported to be highly successful in the history of the bank. The officers are:

Everett R. Tweed, President. J. Baird McDevitt, Vice Pres. Arthur W. Whitehurst, Cashier. Miss Stella Carver, Asst. Cashier.

(Mars Hill, N. C.) Warren T. Davis Cashier. (Hot Springs, N. C.) The board of directors is as follows: Roy L. Gudger, Chairman. Sherman A. Ramsey, of Walnut, N. C. Claude J. Wild, of Big Pine, N. C. John F. Ammons, of Mars Hill, N. C. Everett R. Tweed M.s. C. B. Mashburn Mrs. Annie M. White Arthur W. Whitehurst

Dr. R. L. Moore, Mars Hill, N. C.

WILLING TO RUN AGAIN



CALVIN R. EDNEY of Marshall, N. C.

Mr. Calvin R. Edney has made a public statement that he is willing to make another race for Congress provided he is nominated by his party. He will probably make a statement in our next week's paper.

HOYT BLACKWELL TO

SPEAK AT S. S. RALLY Rev. Hoyt Blackwell will be the closing speaker at the S. S. Rally to be held with the Bethel Baptist church February 2nd at 2 p. m. Rev. Black-well's subject will be, "The Six-Point Record System as a Developer of Character". All points of the record system will be discussed by some of the Mazz Hill College students. The Walnut Creek quartette has been invited to sing at this gathering.
FRED JERVIS, Supt.

SCOUTS ENTERTAINED AT MANSE

Ten regular members of the Boy Scouts troop and one visitor were entertained at the Presbyterian manse Monday evening from 7 to 9 o'clock. After a discussion of Scout work games were played and refreshments

were served.

The boys will meet for their regular meeting Friday, 7 p. m., in the hell above the Telephone Exchange. Boys 12 years of age or older are eligible to join the Scouts.

GRAPEVINE NEWS

Mr. and Mrs. Tom Tweed, of Mars the were visiting Mr. and Mrs. Bart Cargle Sunday afternoon.

Mr. James Davis and Miss Portia Coates were out motoring Sunday

Mr. Ken Hensley was the Sunday evening guest of Miss Lola Boone. Mrs. Margaret West who has been sick is improving at this time.

Annual Stockholders' Meeting of Bank of French Broad

Monday, on business.

pleased with the nice increase in busheld at the bank Tuesday of this livestock besides cash is made from iness, and the fine showing made durweek, was well attended. No change

Brown, Vice President; C. E. Rector, mader—don't put all your eggs from Cashier; J. Ramsey, Asst. Cashier, the farm in one basket because you

olders reflected a steady increase in the growth of the business during the ear with a substantial increase in the volume of deposits. This report

Interesting Sports at Mars Hill College

This Week-End

gage Campbell college in the first The starting lineup for the soc-

MARSHALL, N. C., THURSDAY, JANUARY 16, 1936 WHITE ROCK FARMERS SEND PRESIDENT ROOSEVELT TELEGRAM

Forty Six Attend Meet-|growing animals. It costs twice ing, Jan. 11 and Discuss Farm Problems

Forly-six farmers attended the meeting at White Rock Saturday, January 11, and were much concerned about the action of the Supreme Court in declaring the Triple A, unconstitutional. These farmers are anxious to have another meeting, Saturday, January 25th, to keep better informed on what is taking place to help the farmer.

A committee named sent the following telegram Saturday, January

To President Franklin D. Roosevelt, Washington, D. C.

We the farmers and tobacco pro-Carolina do hereby urge you and Mr. Wallace to speedily complete some possible to the present system.

BIRCHARD SHELTON

OTHER FARM NEWS BY THE FARM AGENTS

FARM PLANS FOR 1936 Better Balance Emphasized

With the beginning of a New Year and cold winter weather prevailing it is an excellent time to think about plans for the coming season. There is more time now for this part of farming before field work opens up. Besides it is good business to study regular meeting. out for the future what you want to do. Many good business men with much less capital invested than farmers take inventory to find out about their business for the past year. Whether they made a profit or not, MADISON COUNTY POULTRY and how much. What is necessary to do in order to stop the leaks in the business. This method takes the guessing out of farming and one knows wherein the trouble lies.

The farmer who plans carefully may have to change his plans but not as much as the fellow who goes about his farm work haphazardly. He will make some mistakes of judgment also but not as bad as the hit or miss along. Mr. Wayne Tweed called on Miss farmer. Farming is becoming more Geneva Cargle Sunday.

Mr. J. W. Wyatt of Petersburg and more a real scientific business and the more we use our heads the Rev. Paul P. Thrower, Minister better off we will be in the end. Of Mr. Louis Clark went to Marshall course there is hard work to do with our hands but more skill is needed Mr. J. Coleman Ramsey, Supt. by most farmers in better manageing of their year around business.

Let me urge upon you farmers of Madison County the necessity for a Christian Endeavor better balanced program of farming Evening Worship The annual meeting of the stockily, feed is grown for the poultry and holders of The Bank of French Broad livestock besides cash is made from the poultry and livestock besides cash is made from the poultry and livestock besides cash is made from the fam
Everyone is most cordially invited to attend all of the above services. in which food supplied for the fam-JIRECTORS may fall down. Diversity on your f. S. Brown, C. E. Rector, J. H. Mc- fa m to make income the year a-blroy, G. L. McKinney, R. S. Gibbs, round and farming more, profitable, the first term of the factor The Cashier's report to the stock-

Food for the Family

person in the world to starve. He their January meeting at the home also indicated satisfactory earnings, out of the soil. This system is more of Mrs. George Meadows, with Mrs. Joe Eads as joint hostess.

The president called the meeting at the nome of Mrs. George Meadows, with Mrs. Joe Eads as joint hostess. of interest attainable on high grade investments. A dividend of 6 per cent was declared payable to common stockholders.

The president called the meeting to order for the regular business. Mrs. George Meadows was elected Assistant teacher. An inspiring New Year's message was a local provider and provide good provider and very independent of others. He should not be dependent upon any one for supplies of interesting program was given by food. Remember what I said preseveral members of the class. viously in regard to living at home. If you can buy something cheaper than you can produce it, don't grow it. An example of this is sugar. We tor, Mrs. Howard Jervis, Mrs. Weashould live to the fullest from our ver Pritchard, Mrs. Gibbs, Mrs. Angame on Friday afternoon and a cent seasons. This should add only year around gardens and truck nie May White, Mrs. D. O. Purkey, by the next two or three genbasketball game on Saturday night

E. F. GOLDSTON
Soil Surveyor for N. C. Agricultural Experiment Station.

Soil Surveyor for N. C. Agricultural Experiment Station.

Station Statio

Food for the Livestock

Making Soil Survey of Madison County.

Walnut High Defeats

Hot Springs C. C.

In a fast game Walnut High defeated Hot Springs C. C. C.

In a fast game Walnut High defeated Hot Springs C. C. C.

In a fast game walnut High defeated Hot Springs C. C. C.

Manual M

much and takes twice as long to get the loss in weight back. Market your feed through your livestock and poultry is a good slogan for every farmer. Then the manure is left for soil improvement.

During the summer months there is abundance of good pasture but feed crops of hay and grain should be planned for during winter. Produce your livestock cheaper by growing most of your feed on the farm.

Maintaining Soil Fertility

A farmer should be ever mindful of this important step in farming. Soil improvement should be uppermost in the farmers mind. Save the manure use lime and grow legumes every year. Then, one has to fertilize his crops commercially. Prevent soil erosion by farming the hill tops and meadows with pasture and ducers of the Laurel section of No. 2 timber on the hill sides. Pastures Township, Madison County, North must be built up to provide abundant must be built up to provide abundant grass for the livestock.

Leaving your farm as productive new arrangement to continue the Leaving your farm as productive Crop Production Control as near as as when yau started farming is a good sign of a Master Farmer.

Signed Committee: L. A. ZIMMERMAN 4-H CLUB STARTED AT SPRING SHAD FRANKLIN CREEK

Last week in the high school building the first meeting of the year was called. Fifty-five wide awake boys and girls of that high school area responded to become members. There is much interest in 4-H Club work in this community. Several members in former years have won prizes. The club members will be organized with officers at the next

Plans are to organize a 4-H Club in all high schools of the county this

Poultry minded farmers and their wives are requested to meet at the Court House this Saturday, January 18, at 2 o'clock. It is planned to meet twice each month through March to complete this series of meetings. An interesting topic will be discussed. Bring your neighbor

10:00 a. m. Morning Worship Subject: "Am I My Brother's Keeper?"

6:15 p. m. Subject: "The Name of the Lord"

The last two prayer services have ing the year, which was the most was made in the officers or directors, ever important job of soil improve- been held in the homes. These meetings are characterized with singing OFFICERS

ment to keep proper balance between hymns. The place of next meeting hymns. hymns. The place of next meeting

The sermon Sunday evening will he one of a series of the ten comundirients. This week the message will be on the third.

Allow me to offer a few suggestions Vota-Vita Class Meets

The Vota-Vita Sunday School class The good farmer will be the last of the Marshall Baptist church held

Annie May White.

Following the business meeting an

Delicious refreshments were served to the following members: Mrs. H. B. Ditmore, Mrs. B. J. Morton, Mrs. O. C. Bryant, Mrs. Chas. Rec-

Howard Jervis.

Basketball At Walnut Friday

ing the winter months. It does not pay to keep any enterprise unless you can keep it properly. Never stunt your stock by starving. This is especially true with regard to young Everybody invited. Adm. 10c.